

Product/process change notification

PCN N° 2021-095-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional assembly location at Hana Semiconductor (Ayutthaya) Co., Ltd. for products in PG-DSO-14-44 & PG-DSO-16-21

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **2022-06-10**
- Infineon aligns with the widely recognized JEDEC STANDARD “**JESD46**“, which stipulates: **“Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.”**

Your prompt reply will help Infineon to assure a smooth and well-executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.



On 16 April 2020, Infineon acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Infineon Technologies AG

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► **Products affected**

Please refer to attached affected product list 1_cip21095_a

► **Detailed change information**

Subject Introduction of an additional assembly location at Hana Semiconductor (Ayutthaya) Co., Ltd. for products in PG-DSO-14-44 & PG-DSO-16-21

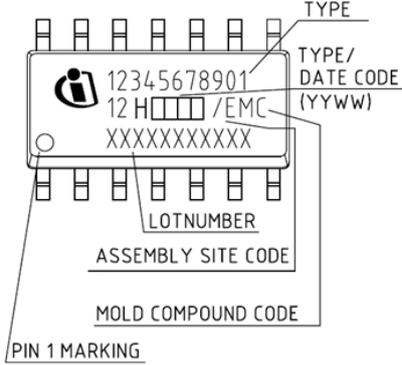
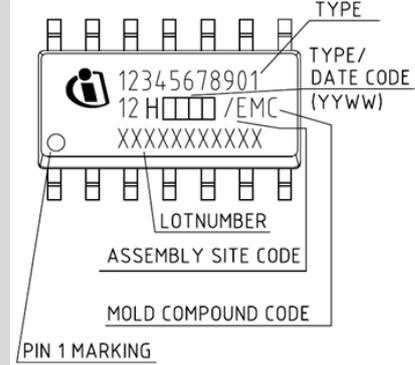
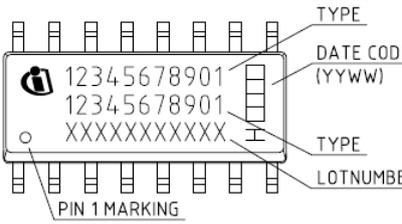
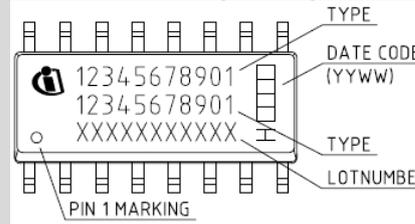
Reason Expansion of assembly and test capacity to cover increasing customer demand, and enable flexible manufacturing.

Description

Assembly Location

- | Old | New |
|--|--|
| <ul style="list-style-type: none"> ATX Assembly & Test (Shanghai) Ltd., Shanghai, China | <ul style="list-style-type: none"> ATX Assembly & Test (Shanghai) Ltd., Shanghai, China or Hana Semiconductor (Ayutthaya) Co., Ltd, Ayutthaya, Thailand |

Assembly Site Code Marking

Old	New
<ul style="list-style-type: none"> DSO-14-44 (ATX)  <p>The diagram shows a 14-pin package with the following markings: Pin 1 (circled), Type, Type/Date Code (YYWW), 12345678901, 12 H□□□□/EMC, XXXXXXXXXXXXX, LOTNUMBER, ASSEMBLY SITE CODE, and MOLD COMPOUND CODE.</p>	<ul style="list-style-type: none"> DSO-14-44 (ATX) DSO-14-69 (HANA)  <p>The diagram shows a 14-pin package with the same markings as the old version, but with the ASSEMBLY SITE CODE field now containing 'HANA' for the new assembly location.</p>
<ul style="list-style-type: none"> DSO-16-21 (ATX)  <p>The diagram shows a 16-pin package with the following markings: Pin 1 (circled), Type, Date Code (YYWW), 12345678901, 12345678901, XXXXXXXXXXXXX, TYPE, and LOTNUMBER.</p>	<ul style="list-style-type: none"> DSO-16-21 (ATX) DSO-16-35 (HANA)  <p>The diagram shows a 16-pin package with the same markings as the old version, but with the ASSEMBLY SITE CODE field now containing 'HANA' for the new assembly location.</p>

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▶ Product identification

Traceability assured via internal part number. No change in SP ordering number.

▶ Impact of change

- ▶ **NO** change on electrical, thermal parameters and reliability as proven via product qualification and characterization.
- ▶ **NO** change in package outline dimensions.
- ▶ **NO** change of existing Infineon specifications and datasheet parameters

▶ Attachments

1_cip21095_a affected product list

▶ Time schedule

- | | |
|------------------------------|--|
| ■ Final qualification report | available |
| ■ First samples available | 2022-05-31 |
| ■ Intended start of delivery | 2022-07-31 or earlier after customer release |

If you have any questions, please do not hesitate to contact your local sales office.

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Introduction of an additional assembly location at HANA Semiconductor
(Ayutthaya) Co., Ltd. for products in PG-DSO-14-44 & PG-DSO-16-21



Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
ICE3PCS01G	SP000639560	ICE3PCS01GXUMA1	PG-DSO-14-44	ICE3PCS01GXUMA1